

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail**

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**P.O. Box 1450**  
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**or Fax (703) 746-4000**

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CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

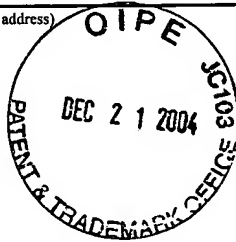
7590

09/27/2004

Patent Group  
 Choate, Hall & Stewart  
 Exchange Place  
 53 State Street  
 Boston, MA 02109-2804

12/23/2004 MWOLDGE2 00000077 10683818

01 FC:1501 1400.00 OP  
 02 FC:1504 300.00 OP  
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## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Tracey A. Newell

(Depositor's name)

(Signature)

December 14, 2004

(Date)

1. APPLICATION NO.	2. FILING DATE	3. FIRST NAMED INVENTOR	4. ATTORNEY DOCKET NO.	5. CONFIRMATION NO.
10/683,818	10/10/2003	Hiroyuki Takahashi	NEM-05101	3308

TITLE OF INVENTION: SEMICONDUCTOR MEMORY DEVICE HAVING MODE STORING ONE BIT DATA IN TWO MEMORY CELLS AND METHOD OF CONTROLLING SAME

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	12/27/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
HOANG, HUAN	2818	365-222000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Choate, Hall &amp; Stewart

2 \_\_\_\_\_

3 \_\_\_\_\_

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

NEC Electronics Corp.

Kanagawa, JAPAN

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
- ☒ Advance Order - # of Copies 5

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 031721 (enclose an extra copy of this form).

## 5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

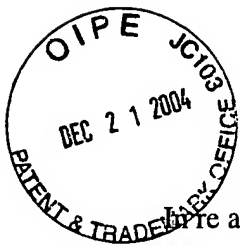
Date December 14, 2004

Typed or printed name

Donald W. MuirheadRegistration No. 33,978

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of:

Hiroyuki TAKAHASHI

Appln. No. 10/683,818

Filed: October 10, 2003

For: **SEMICONDUCTOR MEMORY DEVICE  
HAVING MODE STORING ONE BIT  
DATA IN TWO MEMORY CELLS AND  
METHOD OF CONTROLLING SAME**

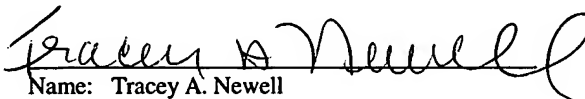
Art Unit: 2818

Examiner: HOANG, Huan

Docket No.: NEM-05101

**Certificate of Mailing**

I hereby certify that the foregoing documents are being deposited with the United States Postal Service as first class mail in an envelope addressed to Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date of December 14, 2004.

  
Name: Tracey A. Newell

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

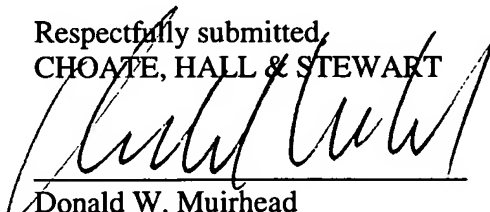
**TRANSMITTAL OF ISSUE FEE**

Sir:

In response to the Notice of Allowance dated September 27, 2004 for the above-referenced application, enclosed is a check for \$1,715.00 to cover the issue fee, publication fee and 5 soft copies.

Although we believe that we have appropriately provided for any fees due in connection with this submission, the Commissioner is hereby authorized to credit any overpayment or charge any deficiencies to/from our **Deposit Account No. 031721**. Two originally-executed copies of this form are being submitted.

Respectfully submitted,  
CHOATE, HALL & STEWART

  
Donald W. Muirhead  
Reg. No. 33,978

December 14, 2004  
Date

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Patent Group  
Choate, Hall & Stewart  
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617-248-4038